

04/24/01  
U.S. PTO

04-25-01

## UTILITY

PATENT APPLICATION  
TRANSMITTALOnly for new non-provisional applications under 37 CFR  
1.53(b))

Attorney Docket No. 097929-54998

First Named Inventor or Application Identifier

Mototsugu Abe

Express Mail Label No: EL281360982US

JC97 U.S. PTO  
097929-54998

04/24/01

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application  
contents.

1.  Specification Total Pages 77  
 2.  Drawing(s) (35USC 113) Total Pages 22  
 3.  Declaration and Power of Attorney Total Pages 2  
     a.  Unexecuted(original or copy)  
     b.  Copy from prior application (37CFR 1.63(d))  
        (for continuation/divisional with Box 14  
        completed)  
        *[Note Box 4 Below]*  
        i.  DELETION OF INVENTOR(S)  
        Signed statement attached deleting  
        Inventor(s) named in the prior  
        application, see 37 CFR 1.63(d)(2) and 1.33(b).  
 4.  Incorporation By Reference (usable if Box 3b is checked)  
    The entire disclosure of the prior application, from which  
    copy of the oath or declaration is supplied under Box 3b,  
    is considered as being part of the disclosure of the  
    accompanying application and is hereby incorporated by  
    reference therein.

## ACCOMPANYING APPLICATION PARTS

5.  Assignment Papers (cover sheet & documentation)  
 6.  Letter under 37 CFR 1.41(c).  
 7.  English Translation Document (*if applicable*)  
 8.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
    Citations  
 9.  Preliminary Amendment  
 10.  Return Receipt Postcard (MPEP 503)  
    (*Should be specifically itemized*)  
 11.  Small Entity  Statement filed in prior Application,  
    Statement(s) Status still proper and desired  
 12.  Certified copy of Japanese priority documents Nos.  
    P2000-127658 filed April 24, 2000 and P2000-307907 filed  
    October 6, 2000.

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation  Divisional  Continuation-in-part (CIP)  of prior application No:

## CLAIMS AS FILED

	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE
TOTAL CLAIMS		53	33	\$18.00	594.00
INDEPENDENT CLAIMS		2		80.00	0.00
	ANY MULTIPLE DEPENDENT CLAIMS?			270.00	0.00
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			TOTAL FEE	\$1,304.00

 The Commissioner is hereby authorized to charge any additional fees which may be required in connection with this application, or credit any overpayment to ACCOUNT NO. 19-3140. A duplicate copy of this sheet is enclosed. A check in the amount of \$1,304.00 to cover the filing fee is enclosed.15. CORRESPONDENCE ADDRESS: Sonnenschein, Nath & Rosenthal  
P.O. Box #061080  
Wacker Drive Station - Sears Tower  
Chicago, IL 60606  
Telephone 312/876-8000  
Customer ID #26263SIGNATURE Christopher P. Rauch  
Christopher P. Rauch (Reg. No. 45,034)

Date: April 24, 2001

EXPRESS MAIL #EL281360982US

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

"Express Mail" Mailing Label Number: EL281360982US

Date of Deposit: April 24, 2001

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Applicant(s): Mototsugu Abe and Masayuki Nishiguchi

Attorney Docket No. 09792909-4998

\$1,304.00 filing fee (53 claims - 2 independent)

Drawings (22 sheets - Figs. 1-25)

Unexecuted Declaration

Letter Under Rule 37

Certified copy of Japanese priority documents Nos. P2000-127658 and P2000-307907

Return postcard

  
\_\_\_\_\_  
Signature of Person Mailing Application and Fees



Christopher P. Rauch  
312/876-2606

April 24, 2001

8000 Sears Tower  
233 South Wacker Drive  
Chicago, IL 60606  
312.876.8000  
312.876.7934 fax  
[www.sonnenschein.com](http://www.sonnenschein.com)

Chicago  
Kansas City  
Los Angeles  
New York  
San Francisco  
St. Louis  
Washington, D.C.

Assistant Commissioner of Patents  
Washington, D.C. 20231

RE: New U.S. Application for Letters Patent entitled  
"APPARATUS AND METHOD FOR PROCESSING SIGNALS"  
Applicant(s) Mototsugu Abe, et al.  
Attorney Docket No. 09792909-4998

Dear Sir

Under the provisions of 37 C.F.R. §1.41(c), I am filing the attached application, including 53 claims (2 independent), 22 sheets of drawings (Figs. 1-25) and the filing fee of \$1,304.00 on behalf of

MOTOTSUGU ABE and MASAYUKI NISHIGUCHI

and request that the application be assigned a serial number and filing date pursuant to the provisions of 37 C.F.R. §1.53(b) and 37 C.F.R. §1.53(d).

Very truly yours,

SONNENSCHEIN NATH & ROSENTHAL

By:

Christopher P. Rauch

Enclosures